



EPA Region 5 Records Ctr.



317111



June 10, 2007

Mr. Timothy Fischer
U. S. EPA - Region 5
77 West Jackson Boulevard (SR-6J)
Chicago, Illinois 60604-3590

**Re: Sauget Sites Area I - January 21, 1999 Administrative Order by Consent (AOC)
Monthly Report May 1 – May 31, 2007**

Dear Mr. Fischer:

Enclosed is the Sauget Sites Area I Monthly Report for the May 2007 reporting period. This submittal is in fulfillment of the monthly requirements of Section 2.4 Reporting, of the January 21, 1999 Final Administrative Order by Consent for Sauget Sites Area I, Sauget and Cahokia, Illinois.

Sincerely,

Steven D. Smith
Project Coordinator

cc: Kevin Turner – USEPA
Tim Gouger - USACE
Sandra Bron - IEPA
Dave Webb - IDPH
Mike Coffey - USF&W
Richard Williams - Solutia
Cathleen Bumb - Solutia
Mayor Frank Bergman - Cahokia, IL
Village of Sauget - c/o P. H. Weis & Associates (Attn: Brian Nelson)
Mayor R. Sauget - Sauget, IL
L. Glen Kurowski - Monsanto
Linda Tape - Husch & Eppenberger

Sauget Sites Area I - Sauget, Illinois

AOC - EECA / RIFS

Status Report

Date of Report: June 10, 2007
Period Covered: May 1, 2007 - May 31', 2007

Work Performed during the Reporting Period

A revised Sampling Plan for evaluating the potential for cadmium to leach from vadoze zone soils to groundwater was submitted to the Agency on June 8, 2006 and comments on that plan were received on March 27, 2007. A second revision to the Sampling Plan was submitted to the Agency on April 30th. The revised Sampling Plan was approved on May 24th.

The final Work Plan for the Soil Vapor Intrusion Investigation was approved on May 24th and Agency comments on the investigation data report were also received on that same day.

Responses to Agency comments on Section 4 of the Utility Corridor Investigation Work Plan were submitted on May 24th.

A teleconference was held with USEPA and CH2M Hill on May 24th to discuss the status of the work. The following points were discussed:

- EPA was advised that sampling in the utility corridor was tentatively scheduled to begin on June 5th, subject to confirmation (later changed to June 7th, based on availability of drilling equipment).
- A Technical Memorandum documenting the derivation of risk based concentrations used in the Dead Creek removal work and in the Dead Creek Ecological Risk Assessment is being prepared. The target date for submission is the end of June.
- The Agency indicated that the review of the Soil Vapor Intrusion Investigation evaluation report was almost complete.
- CH2M Hill will look into the status of the Technical Memorandum presenting the results of the Human Health Risk Assessment for a residential child exposure in

Dead Creek. This Technical Memorandum was submitted to the Agency in April 2006. CH2M will also look into the status of the approval of the Technical Memorandum on Principal Threat Evaluation for Toxicity. This memorandum was initially submitted in January 2006. The Agency has previously determined that no Principal Threat materials are in the Area 1 disposal sites.

- It was agreed that Agency comments on the proposed changes to the draft RI report were necessary before additional work on finalizing that report could be performed.

Attachments

There are no Technical Memoranda or data submitted with this report.

Work Scheduled for Next Reporting Period

Prepare an Ecological Risk Assessment Technical Memorandum for Dead Creek that integrates the results of the most recent creek bottom soil removal and provides the derivation of the risk based concentrations used to define the extent of those excavations.

Collect samples from the Queeny Avenue utility corridors as required by the approved Work Plan and submit these samples for analyses.

Collect groundwater samples in accordance with the requirements of the approved Soil to Groundwater Leaching Investigation Work Plan and submit these samples for analyses.

Submit responses to the Agency comments on the Soil Vapor Intrusion Investigation data report.

Submittal Status

Responses to Agency comments on Section 4 of the Utility Corridor Investigation Work Plan were submitted on during the reporting period..